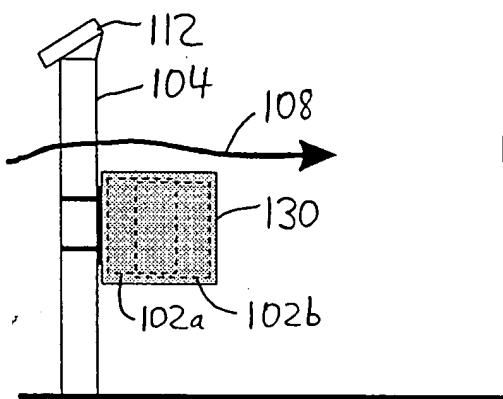
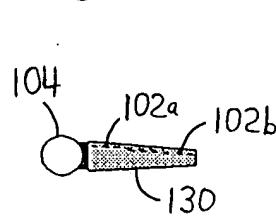


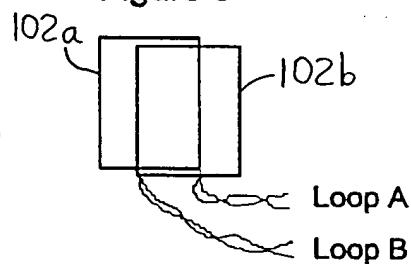
**Figure 3**



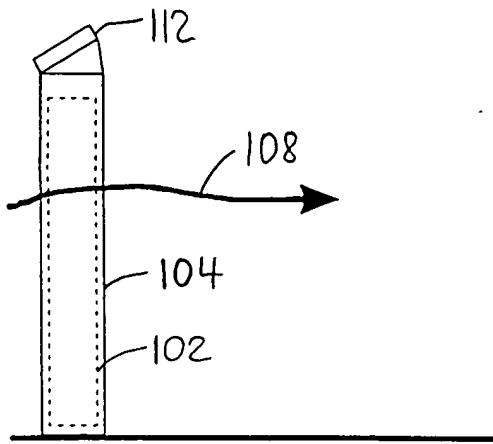
**Figure 4**



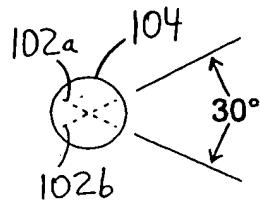
**Figure 5**



**Figure 6**



**Figure 7**



**Figure 8**

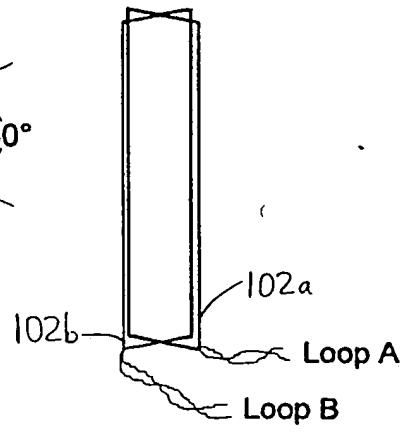


Figure 9

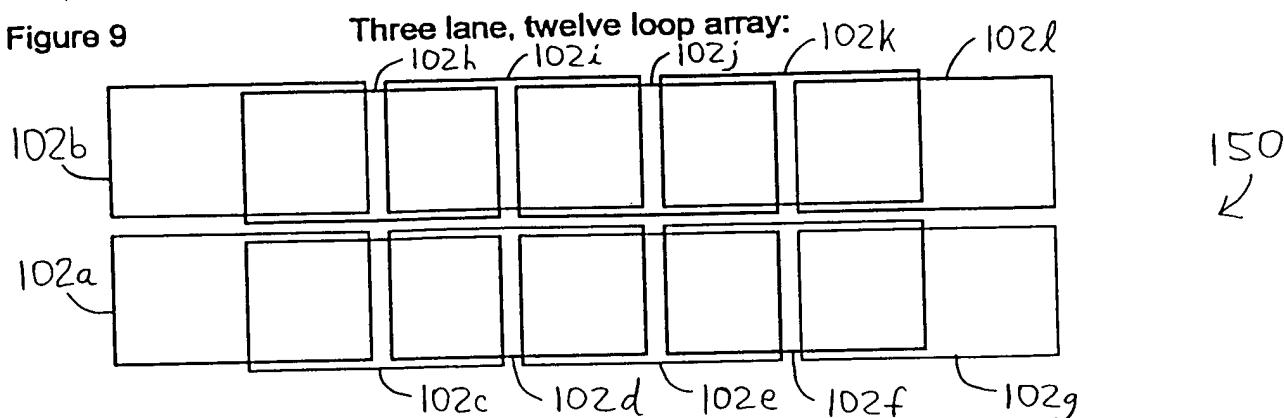


Figure 10

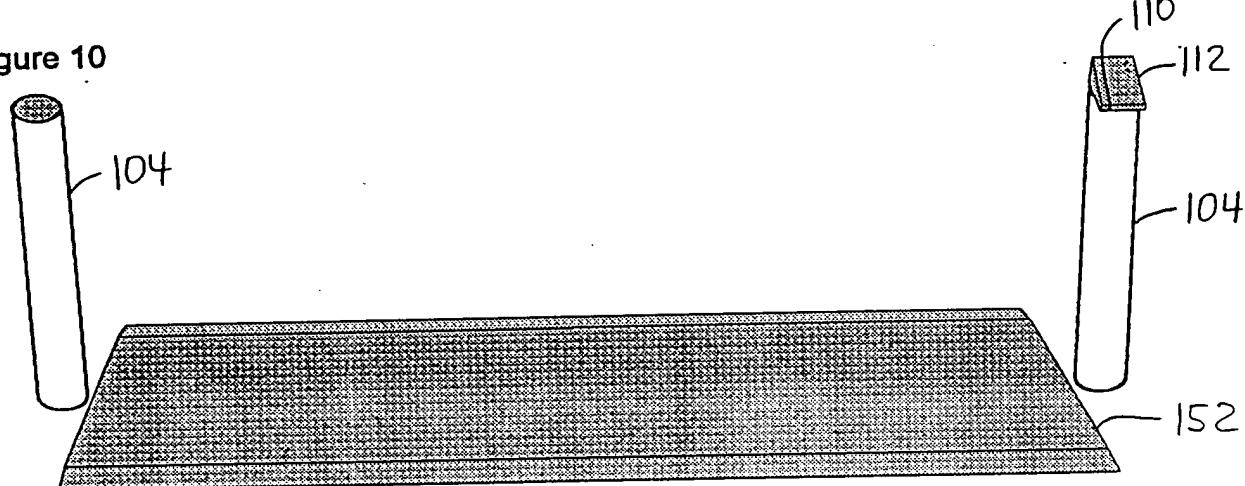


Figure 11

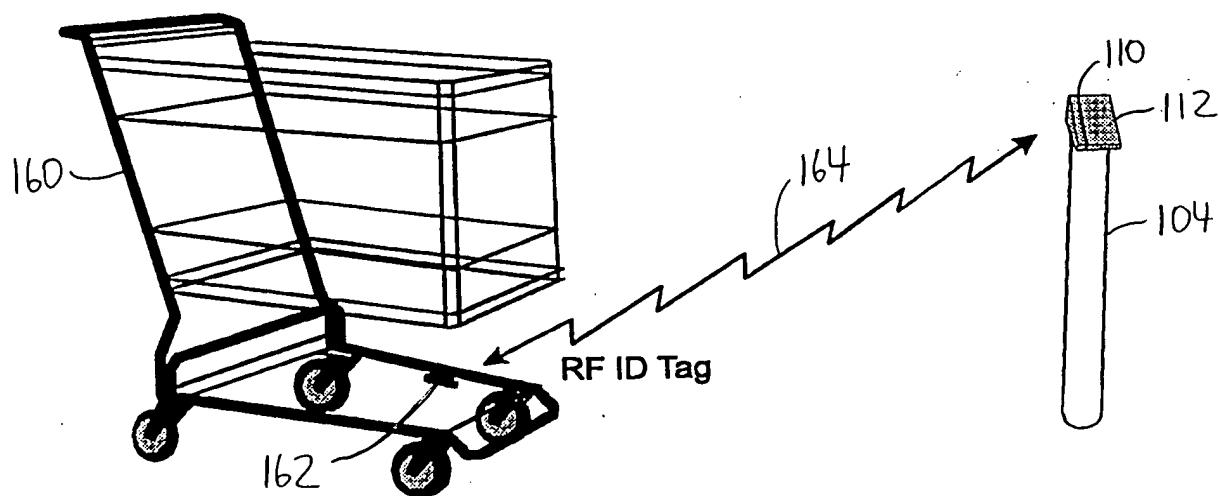


Figure 9

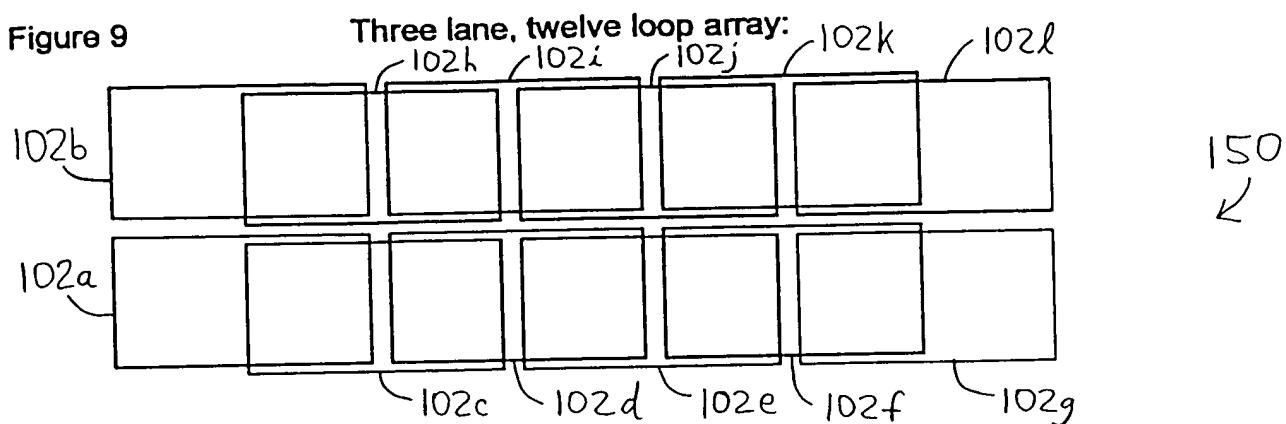


Figure 10

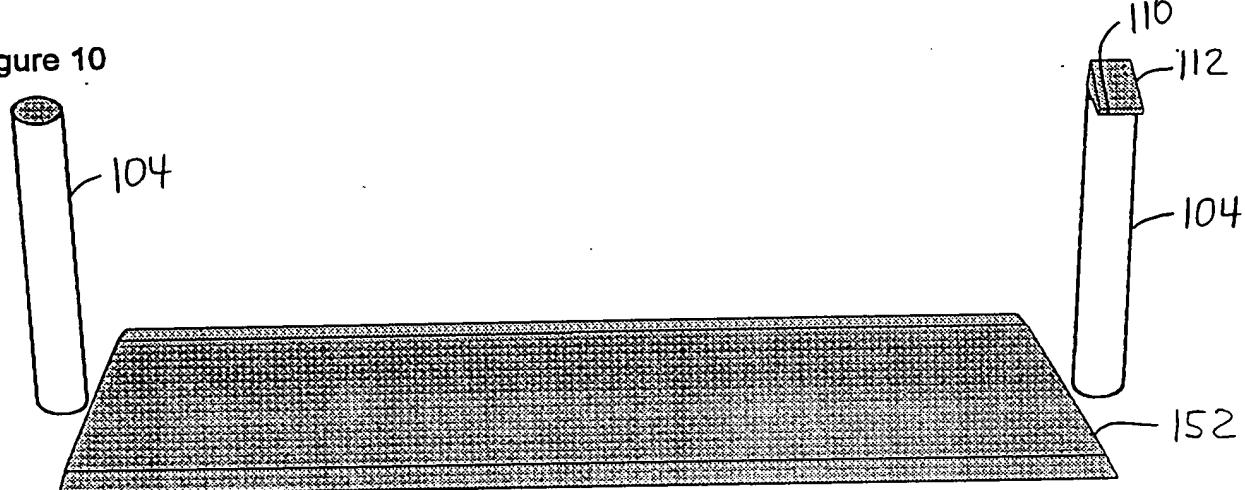


Figure 11

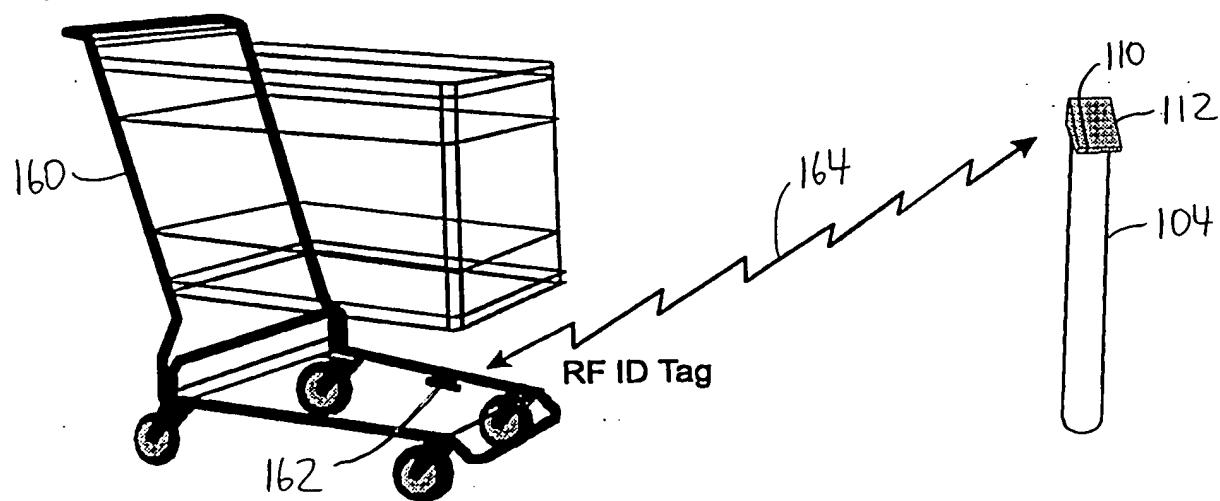


Figure 12 Cart Detector circuit

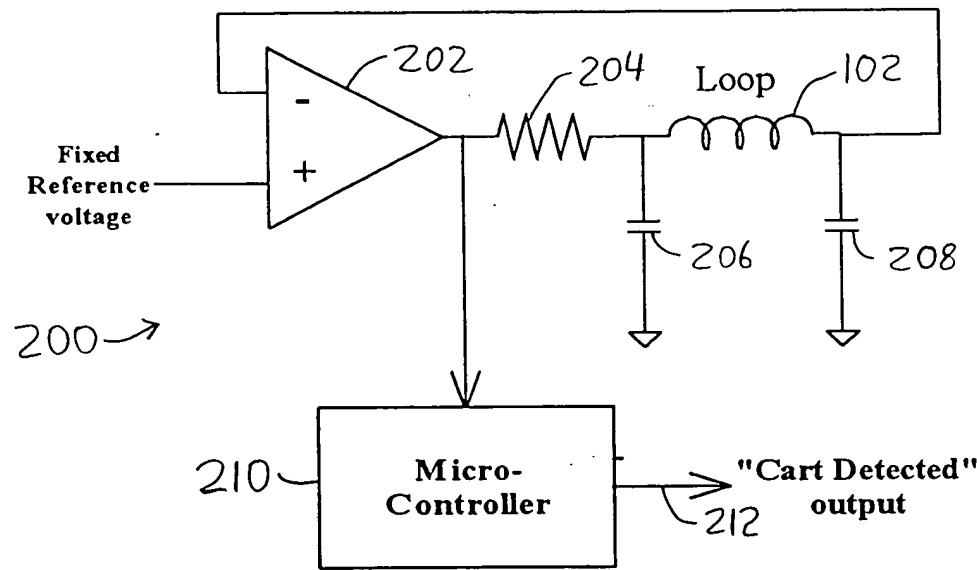
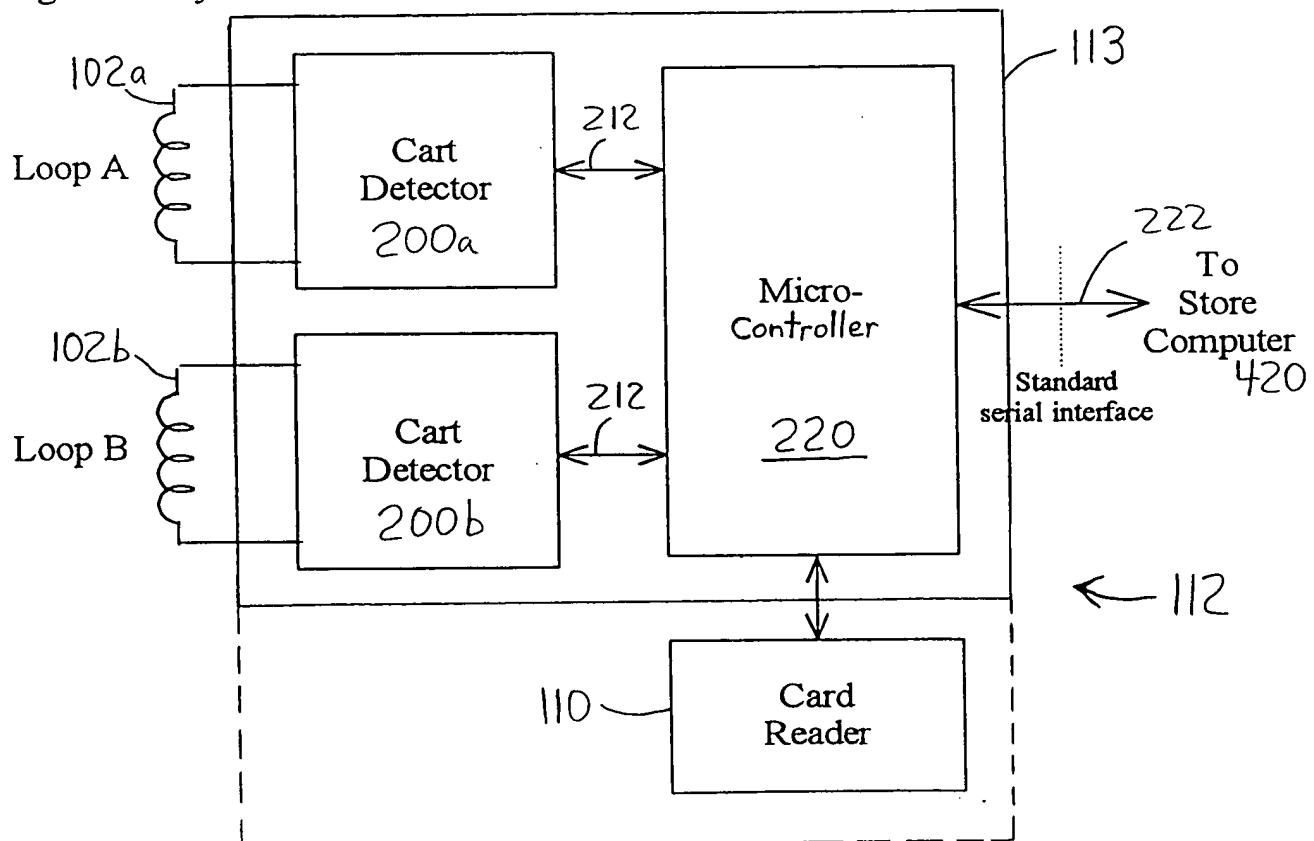
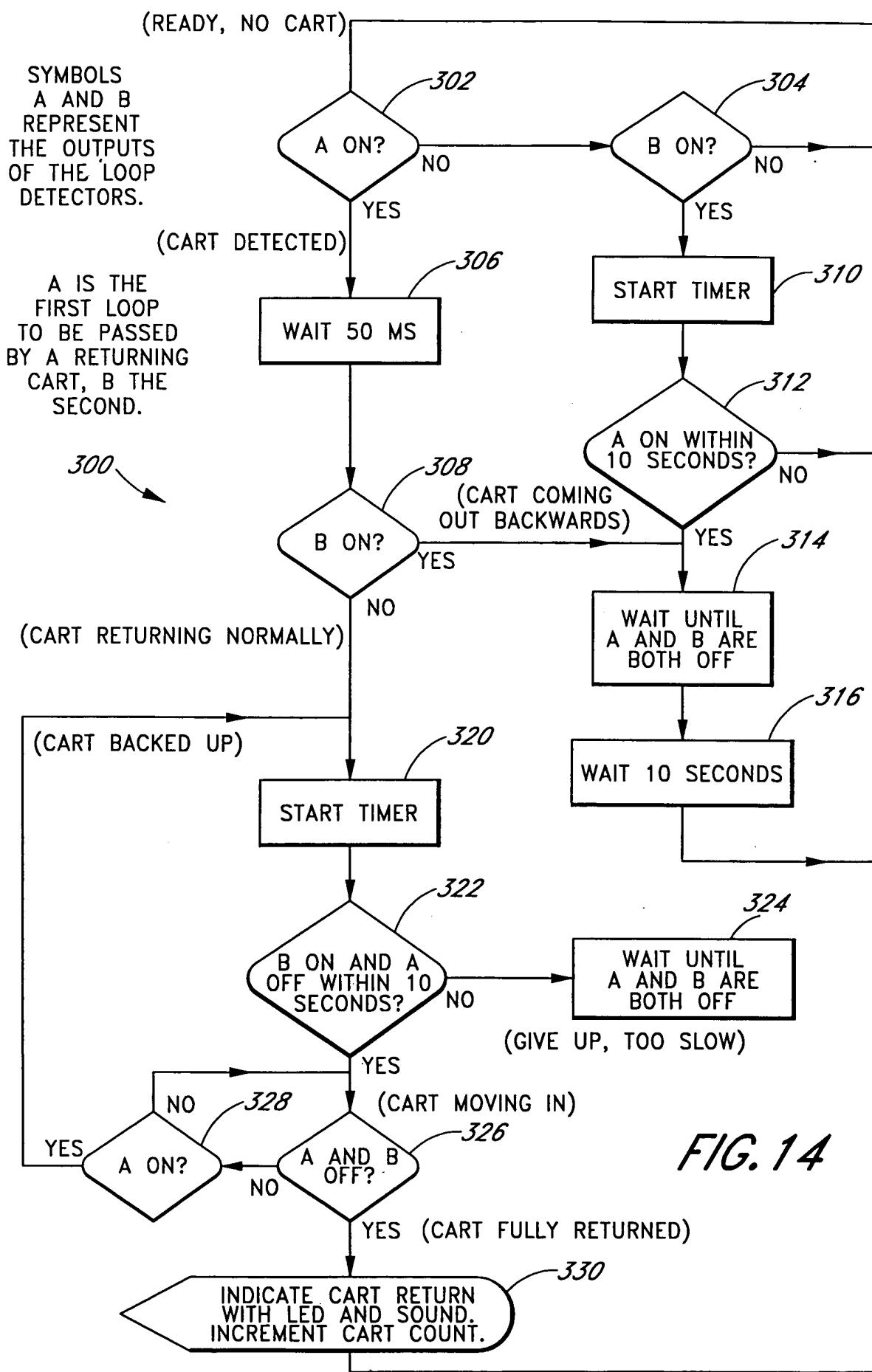
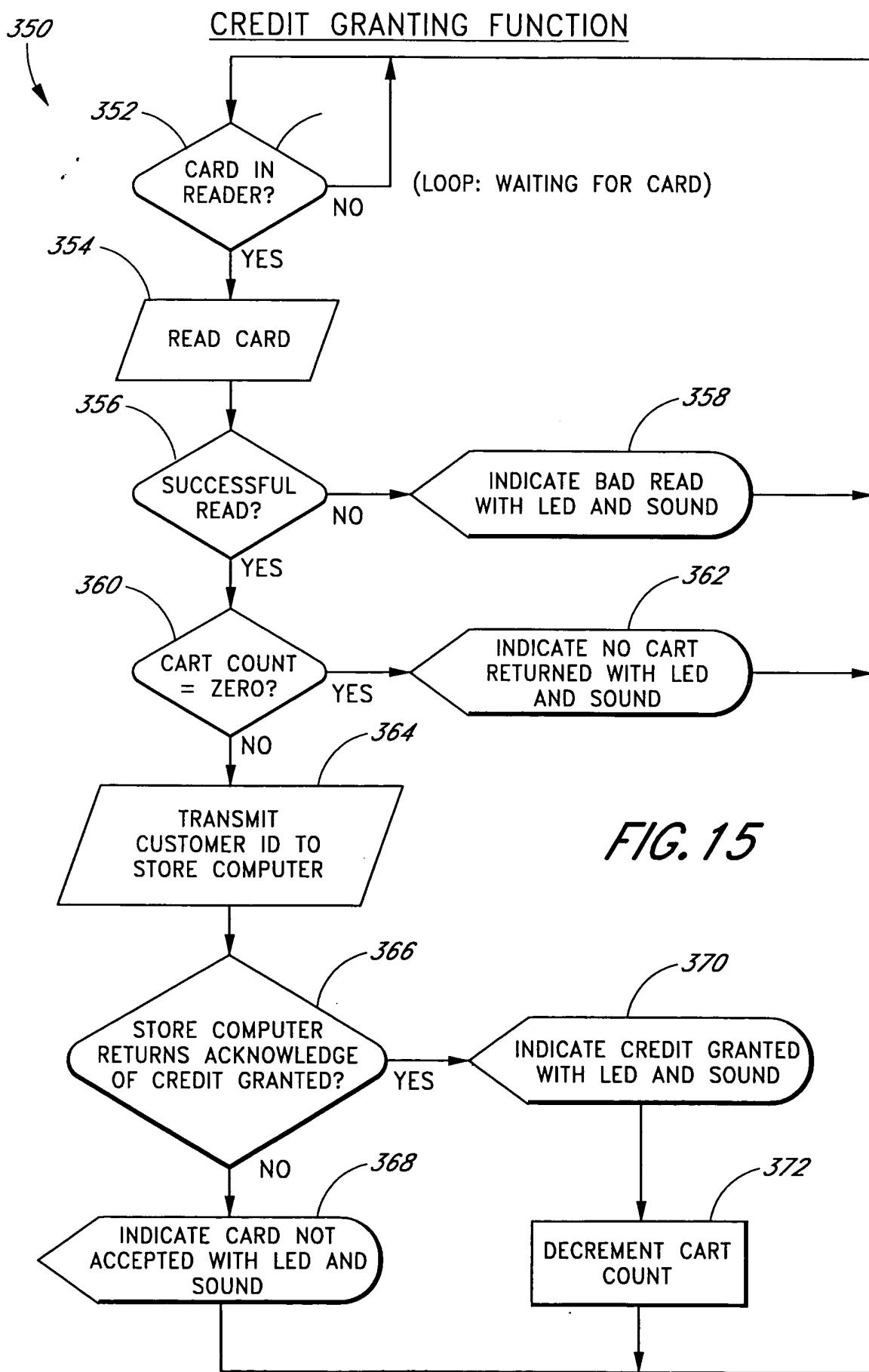


Figure 13 System Electronics







*FIG. 15*

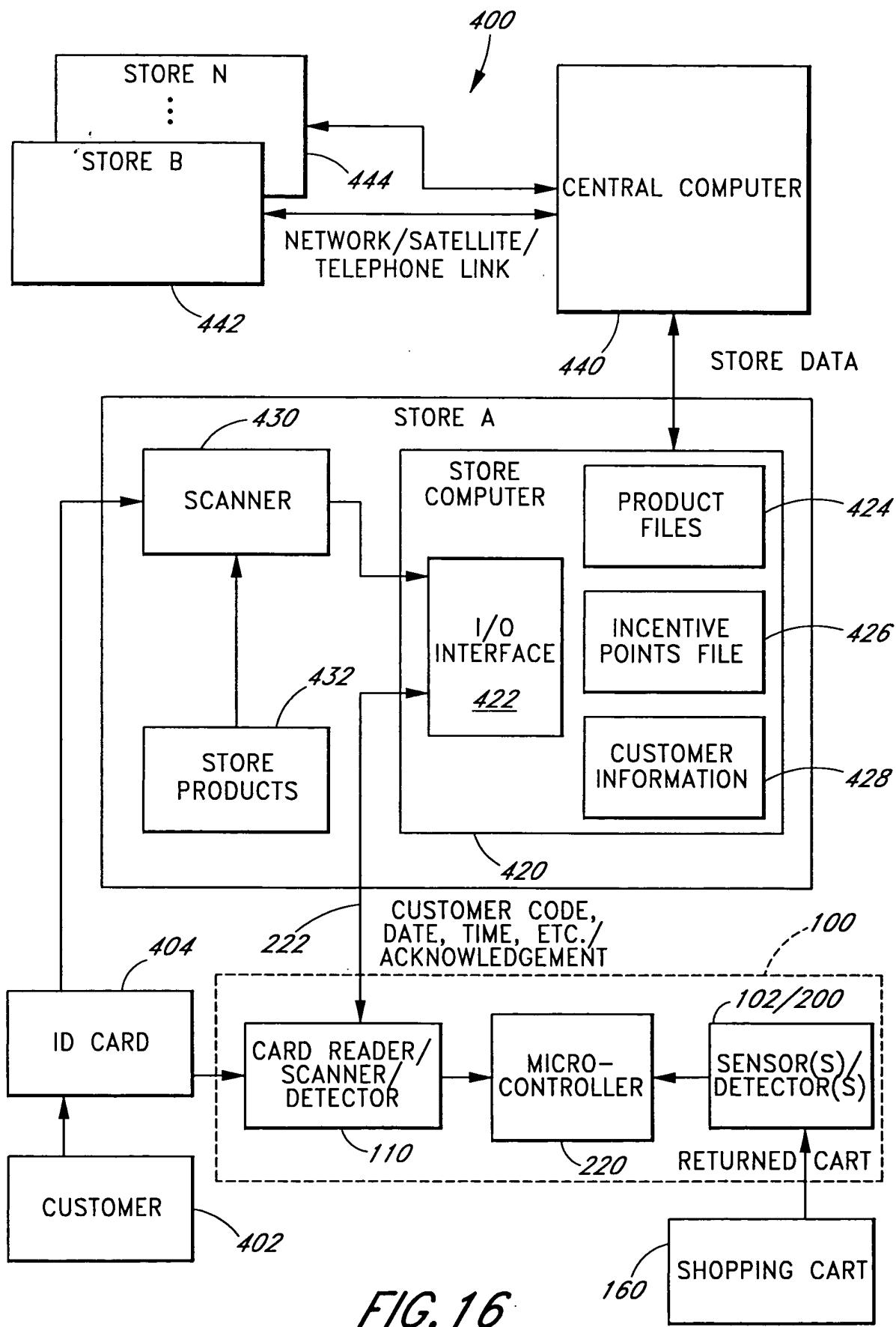
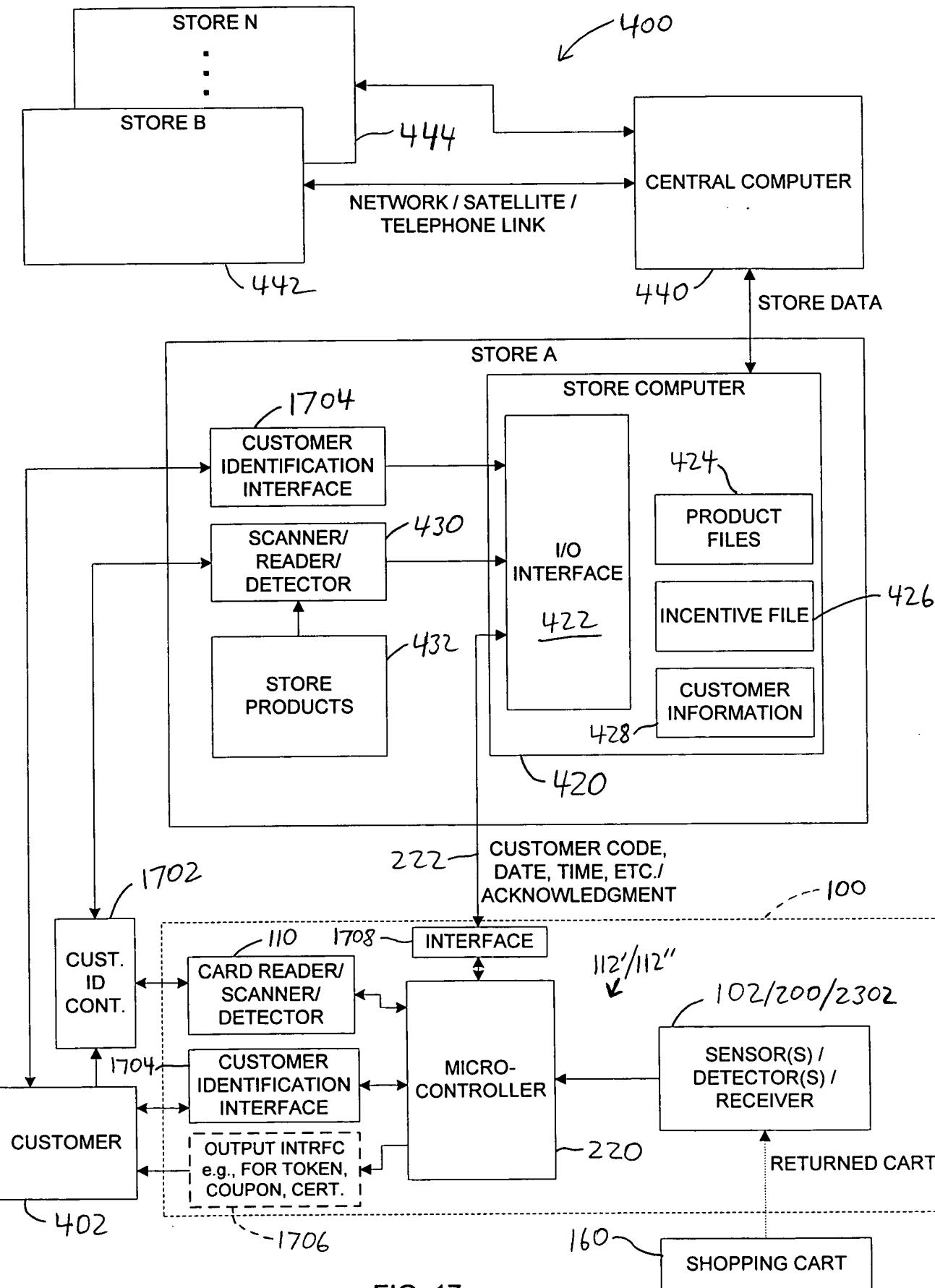
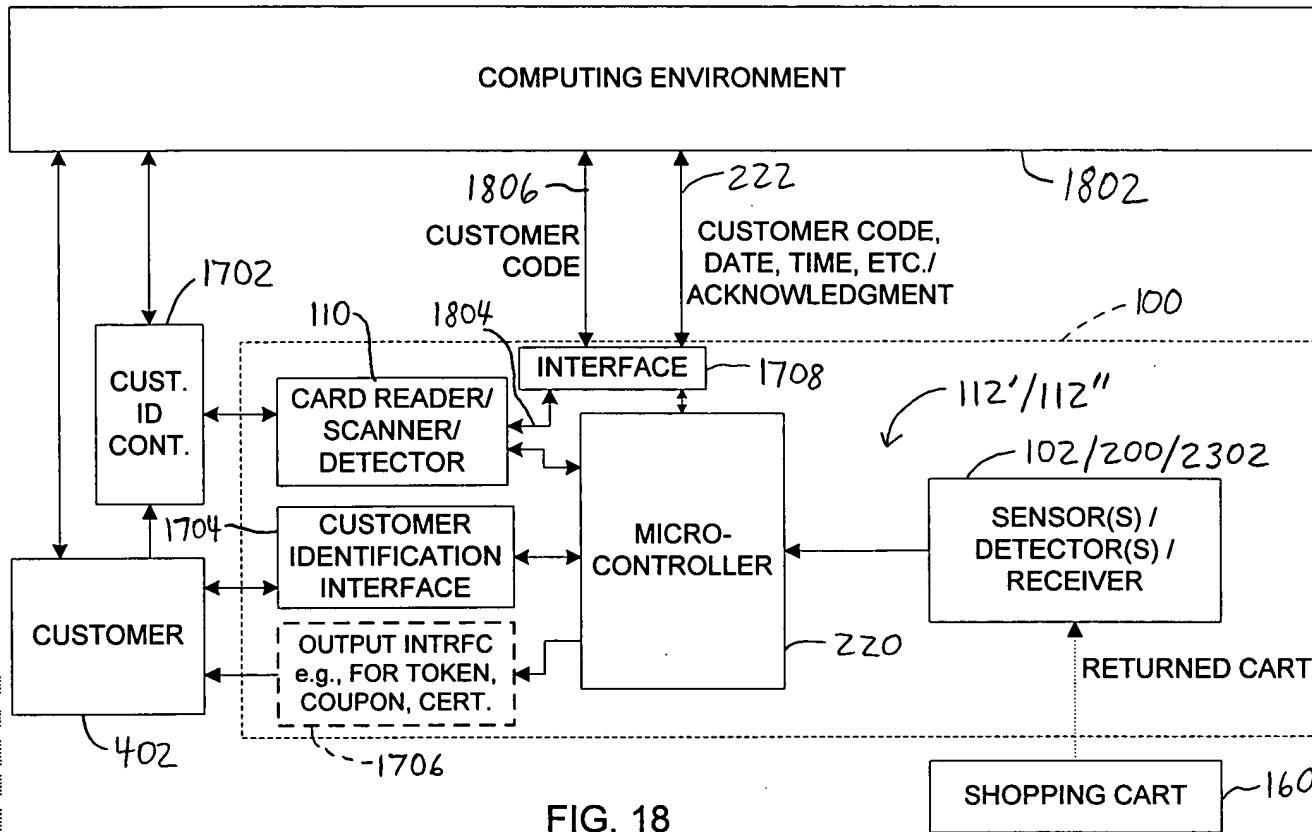
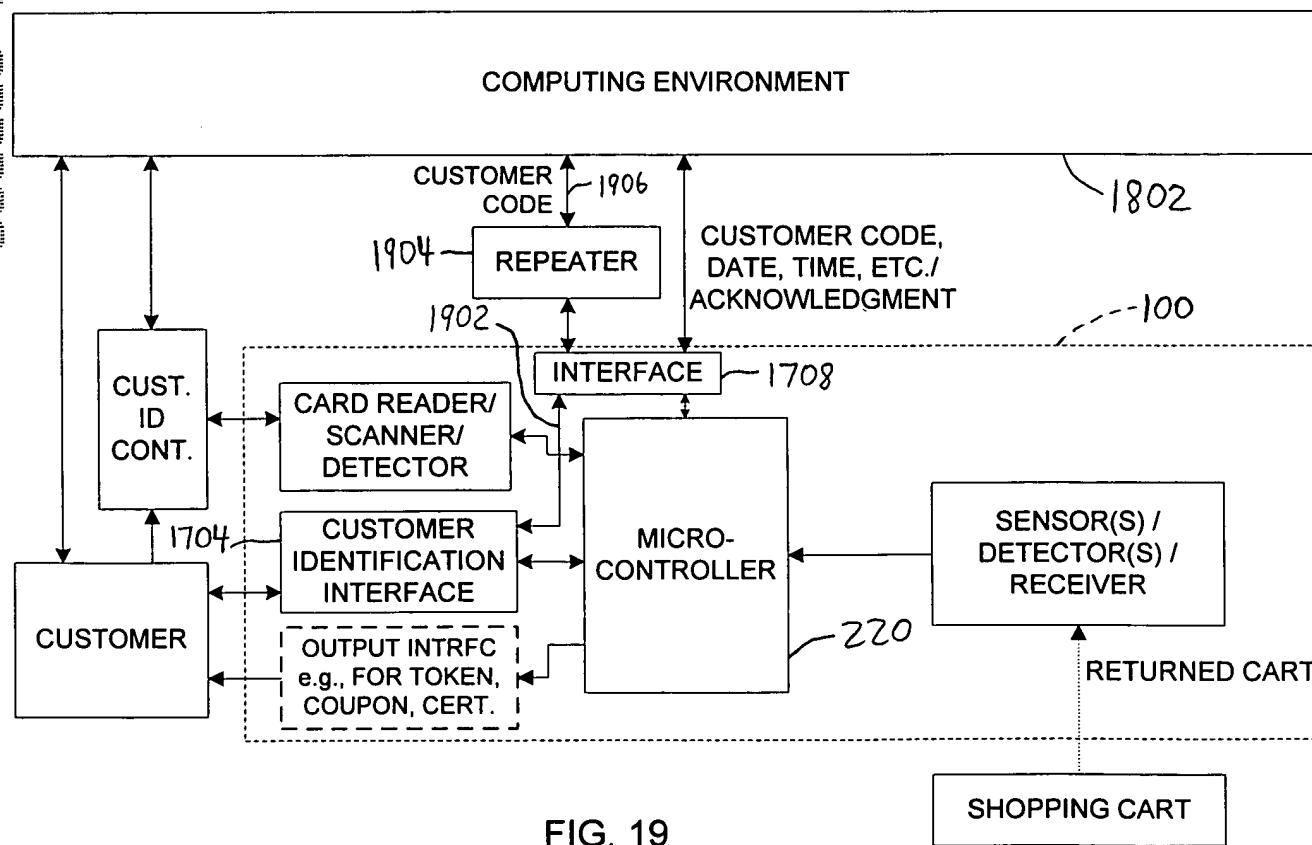


FIG. 16





Patent Drawing Reference



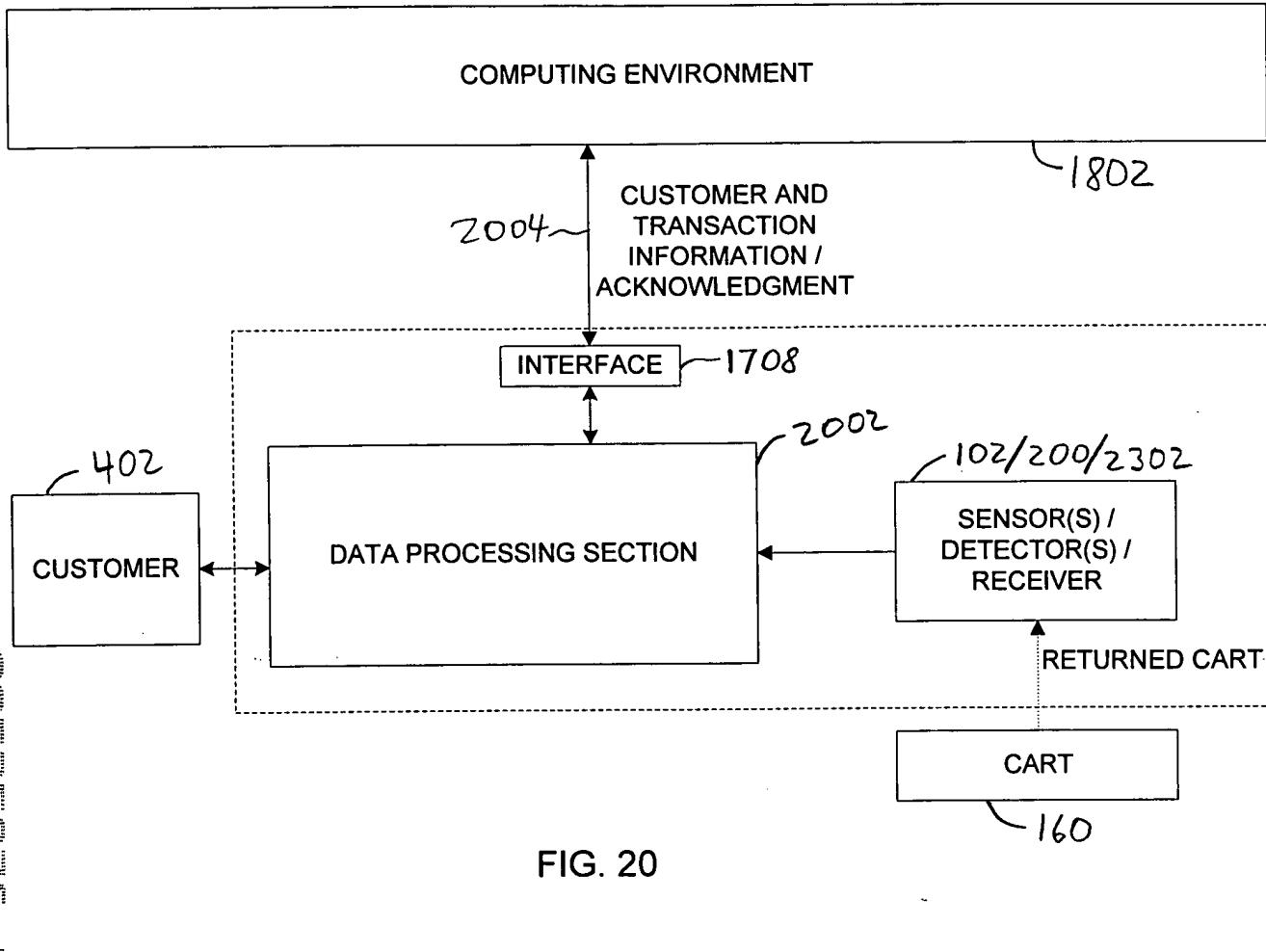


FIG. 20

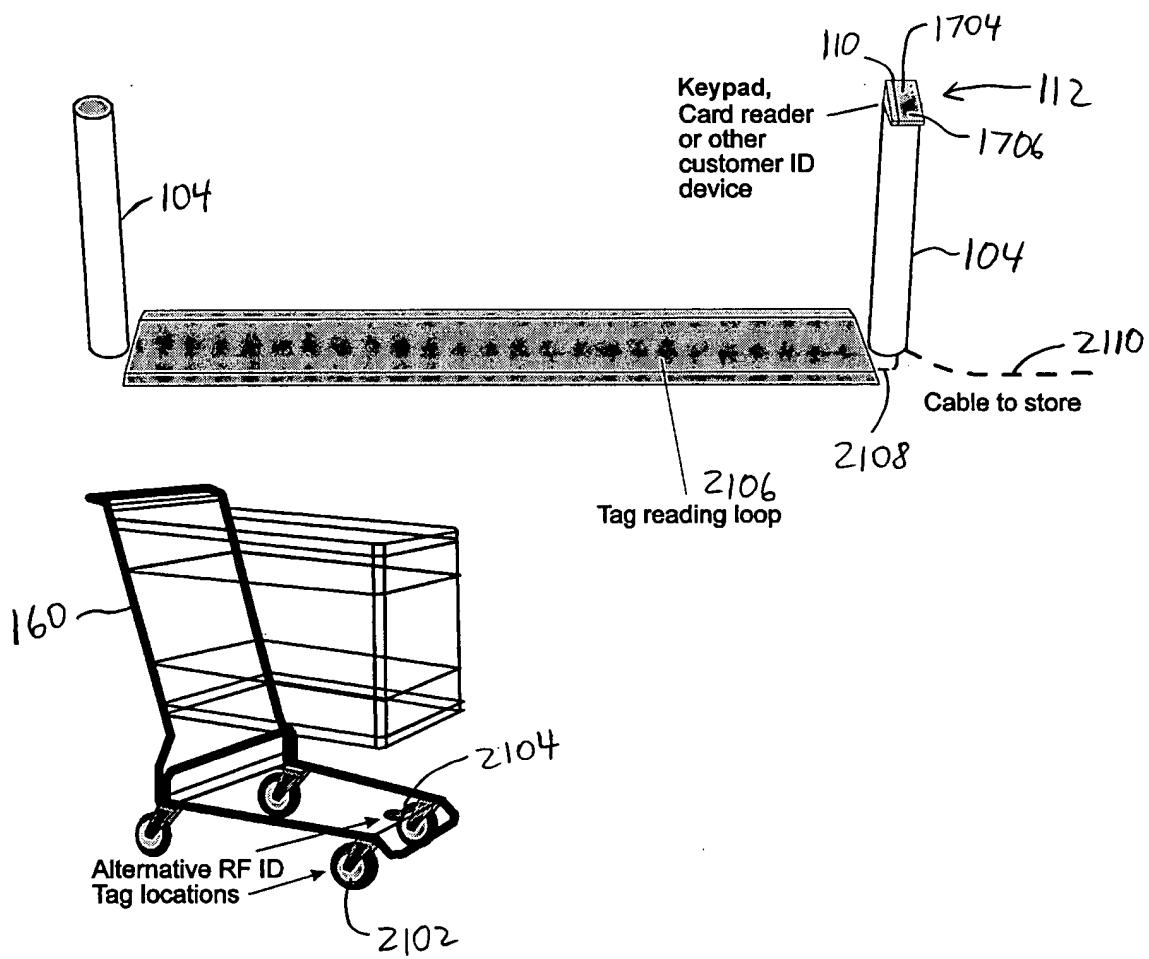


FIG. 21

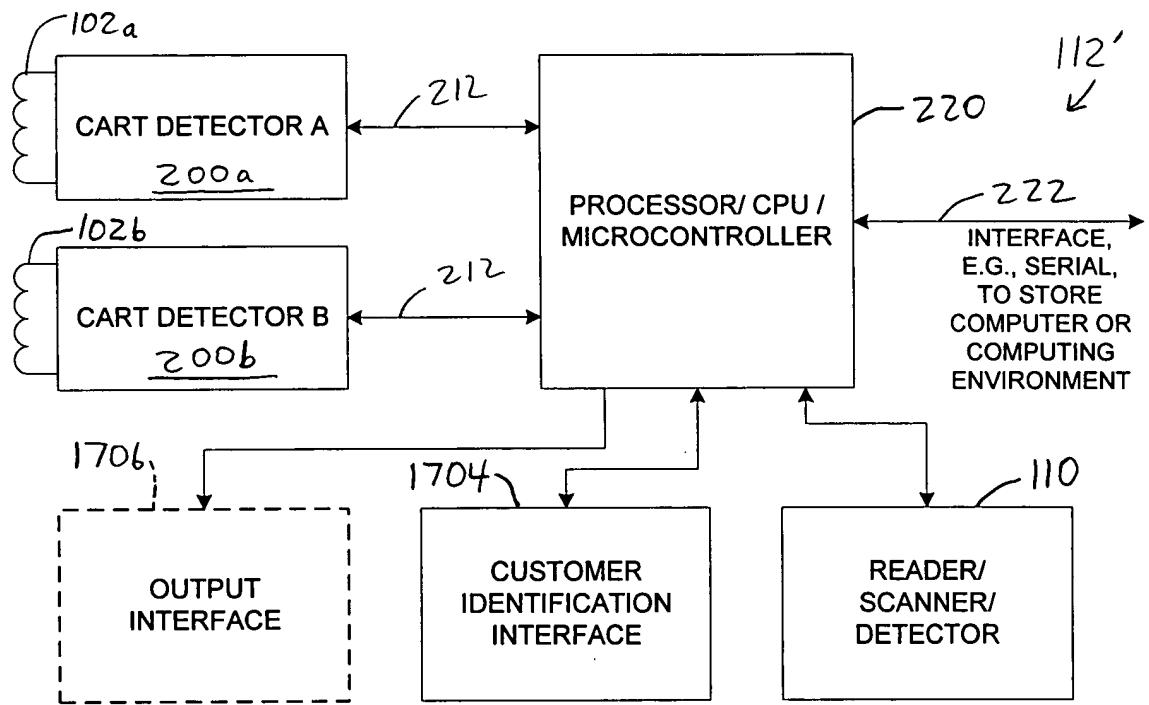


FIG. 22

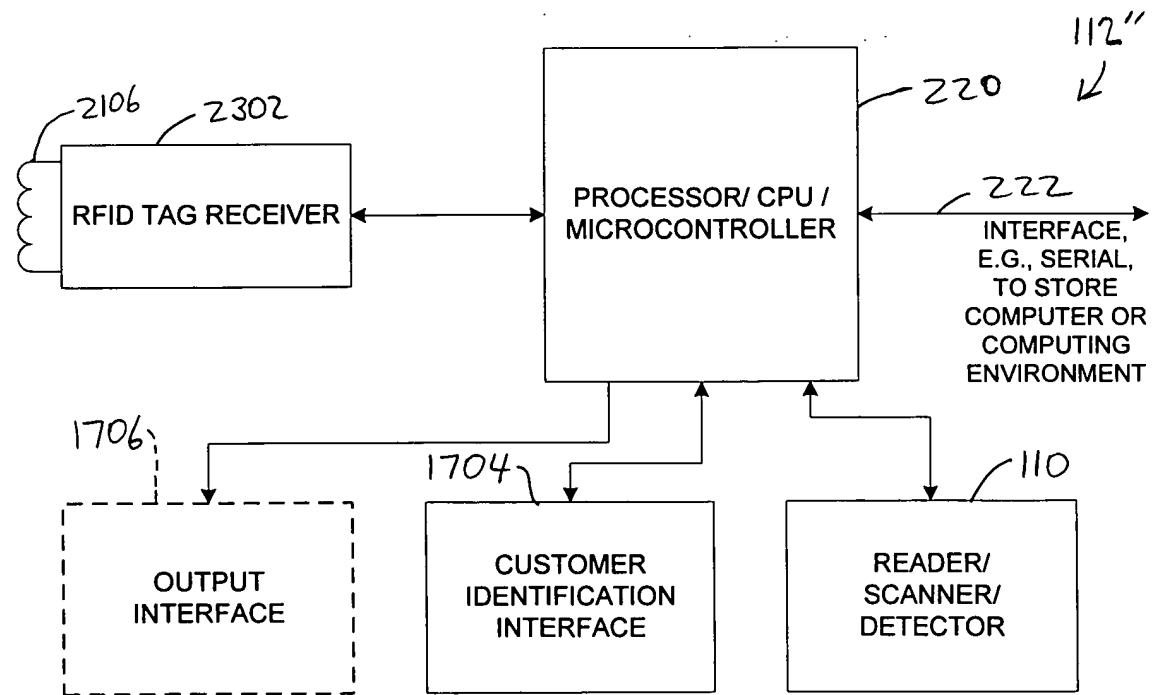


FIG. 23

## CART RETURN DETECTION

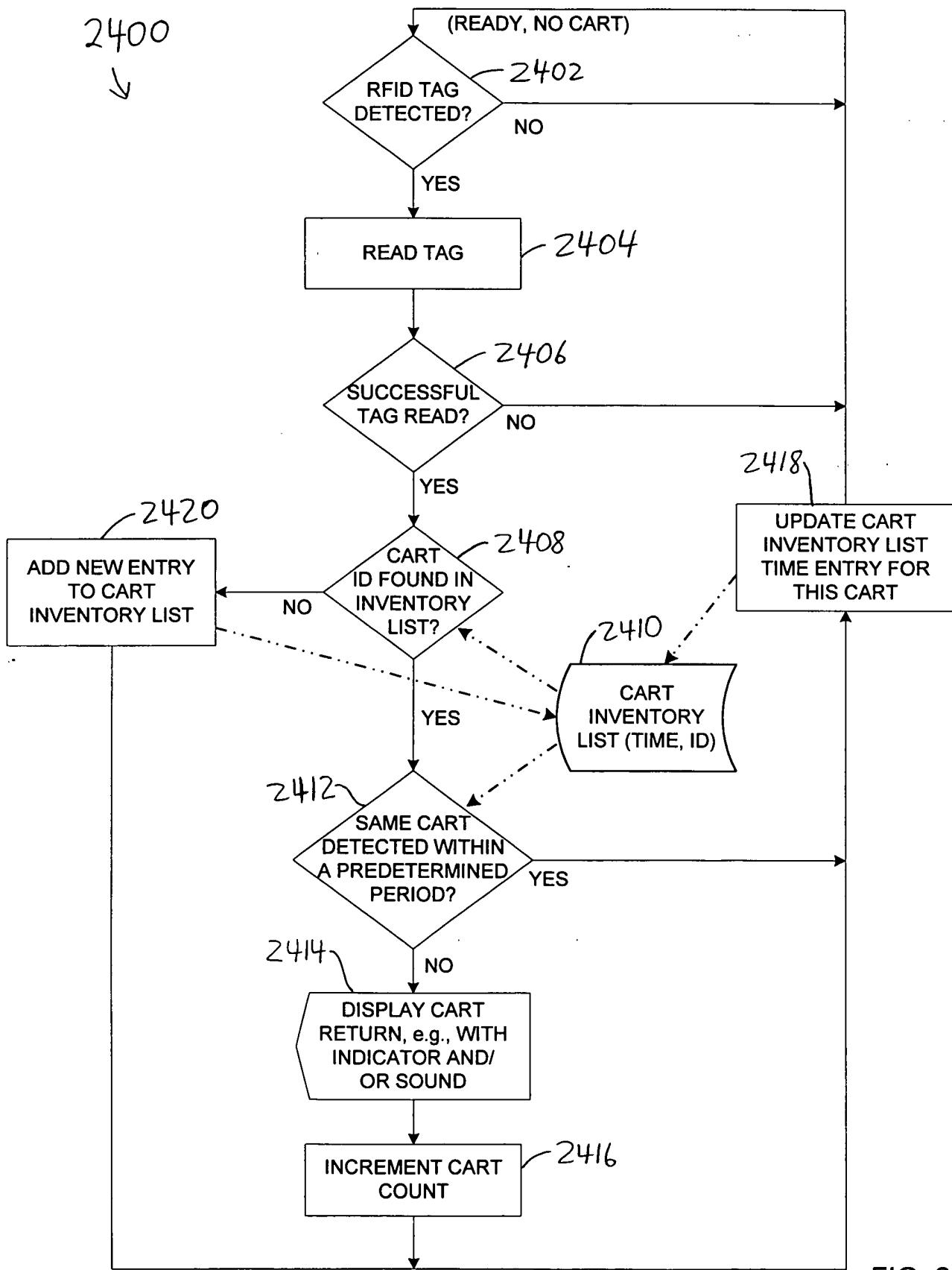


FIG. 24

